

Specification	
Sample Throughput	12 Capillaries
Sample Capacity	Max. 192 wells (two 96 wells PCR plates)
Minimum Sample Volume	as little as 1 μL ; Depends on Reagent Kit used
Detection Range	35 bp – 48,500bp; Depends on Reagent Kit used
Resolution	as low as 3 bp; Depends on Reagent Kit used
Sizing Accuracy	5-10% or better
Detection Sensitivity	5 $\text{pg}/\mu\text{L}$ for fragments and 50 $\text{pg}/\mu\text{L}$ for a smear; Depends on Reagent Kit used
Light Source	10 W LED, 470 nm for excitation
Detector	High sensitivity CCD with 500-600nm emission filter
Software	Fragment Analyzer Instrument Control, PROSize [®] Data Analysis Software (Can be download from manufacturer's website)
Application	NGS Library QC, Measure Integrity, Size and Concentration of RNA/DNA/PCR fragment, CRISPR/Cas9 Screening
Reagent Kit available in Bioreagent Core	(DNF-474) High Sensitivity NGS Fragment Analysis Kit (100bp – 6,000bp, 5 – 500 $\text{pg}/\mu\text{L}$ input DNA) (DNF-930) dsDNA 930 Qualitative Analysis Kits Kit (75bp – 20,000bp, 0.5 – 50 $\text{ng}/\mu\text{L}$ input DNA)